denver apple pi Seed

Volume 6 No.4 Apr. 84

NEWSLETTER OF THE DENVER APPLE PI COMPUTER USERS' CLUB

REMs from the pres.

We are making good progress on our 5 goals for the term. We now have an Educational Bulletin thanks to Maureen Bruckner. Bob Hein and Dave Nelson completed the '84 budget. We are now making plans to distribute Les Shaw's directory. Sales tax payments are up to date. And finally, new Bylaws will be completed this month. Everyone should give a big 'ATTA-BOY' to the dozen people who have slaved over this for so long, Tom Angelos and Kathleen Turner in particullar!

-UPCOMING EVENTS-

We have 2 speakers planned for the APRIL general meeting. Bob Blossom of Orange Micro will discuss printer interfacing, and Noel DiLapo of Marketing Technologies 2000 will show how to use the apple as an inexpensive calling machine.

Bring your unwanted equipment and your checkbook to the APRIL informal meeting - we're having a garage sale!

Lastly, the winner of the Most Valuable Program contest will be picked at the April informal meeting. Get your programs in by the April general meeting!

-ELECTIONS-

In MAY we'll be having our annual elections. This year will be different from elections in the past because we now have a NOMINATING COMMITTEE. The committee will send out BALLOTS that can be mailed or brought to elections. Tom Angelos kindly volunteered to chair the nominating committee and I encourage all you fine talented people to give him a call. Tell him whom you would like to see in office or better yet, tell him you'll run! We love technical wizards, but what we really need for officers are people who know how to run a club; people who know how to be a secretary, a president, a treasurer, etc... Newcomers are welcome. Here are some of the benefits of being an officer:

-WHY BE AN OFFICER?-

1. make friends, meet intelligent people, make important business contacts.

2. proud feeling of being part of an excellent organization that helps the community.

3. miscellaneous perks: the librarian gets free use of the library, L. Breyfogle received a free trip to CA, our SYSOP got his face in the paper, I had free use of a Macintosh one night (it was fun!)

4. great learning experience without risk - add it to your resume.

5. 1 year free dues & 12 free DOMs

Give it a try! Please call Tom at 798-5435.

GOTO 3

denver apple pi Seed

APPLE PI
P.O. BOX 17467
DENVER, COLORADO 80217

OFFICERS

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Randall Ansley . . . . . (303) 428-5627

ADVERTISING RATES

$20.00 . . . . . ¼ Page
$35.00 . . . . . ½ Page
$60.00 . . . . . Full Page

CIRCULATION OVER 600

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GENERAL MEETING ··· 5 TH

SWAP MEET ··· 8 TH

BOARD MEETING ··· 11 TH

MEMBERSHIP INFORMATION
$10 APPLICATION FEE AND $18 PER YEAR DUES

APPLE PI is an Apple Computer Users Group - not affiliated with Apple Computer, Inc. - that provides many member benefits, some of which are:

MONTHLY MEETINGS-

On the first Thursday of each month at 7:00 p.m. APPLE PI holds its general meeting at the Greene Center, Colorado School of Mines Campus, Golden, Colorado. This meeting is a combination of an informational meeting, new product announcements, and a short business meeting. The members are given an opportunity to buy computer supplies a little above cost. Software products are given away as door prizes.

On the Sunday following the general meeting there is an informal meet which is usually held at the home of a member, the location of which is announced in the newsletter and at the general meeting. This meeting is from 10:00 a.m. until 3:00 p.m. and provides a more informal environment to seek or give advice to fellow members and get copies of programs from the APPLE PI Library. Both of these meetings are open to the general public but only members have access to products that are sold.

PROGRAM LIBRARY-

APPLE PI currently has a library of 8,000 programs. All current disks are in 16 sector (3.3, Pascal, CP/M) format and are available to any member. APPLE PI Members can obtain copies from the library:

1) By coming to the monthly informal meeting (swap meet);
2) By written request to the club librarian (at any meeting or by mail);
3) By electronic mail on APPLE PI's bulletin board system:

When requesting copies, please include the following information:

a) Your Name, Address, and Phone number;
b) Disk Category and Volume Number;
c) Blank Diskette(s) or request to utilize a new disk (member will be charged $2.50 for the new disk);
d) Copy fee ($1.00 per diskette side unless you donate a program you have written at the same time and fill out a Progam Submission Form). Only complete sides of disks will be copied.
e) Instructions on how the disks are to be returned, i.e., at the next meeting, by mail, etc. (IF RETURN IS TO BE BY MAIL PLEASE BE SURE TO INCLUDE A STAMPED, SELF-ADDRESSED FLOPPY DISK MAILER, AND $2.50 TO COVER SHIPPING COSTS).

DISK OF THE MONTH-

Each month a collection of some of the best programs donated to APPLE PI during the preceding month are made available. The DOM can be purchased at any group meeting or by mail.

DUES-

Current membership dues are $18.00 per year, with a one-time application fee of $10.00. Checks should be made payable to APPLE PI.

-MAY SURPRISE-

You won't want to miss the MAY meeting if you have any interest at all in microcomputers. I'm not at liberty to say why, just be sure to leave that night open and watch for big news relating to apple.

-MACINTOSH-

Mac owners, or potential Mac owners, will be interested in the club's Mac tech-manuals and Mac discs. If you're interested in calling other Mac owners for help or consolation over the lack of software, I can provide you with some names.

-ROBOTS-

Anyone interested in the "International Personal Robot Congress & Exposition" in Albuquerque on APR13-15 can call me for more info.

Remember to call Tom Angelos, the Nominating Committee Chairman, at 798-5435! Thanks!

- David

SOFTWARE AUTHOR TEACHES MACHINE LANGUAGE

FOR WHO- people familiar with BASIC but know little or nothing about machine code

WHEN- MAY 17, 24,& 31 (Thursdays)

TIME- 7pm-8pm class
8pm-9pm Q & A session

COST- $35 members, $40 nonmembers
to be fair, classes are limited to the first 6 people who pay the fee

WHERE- Littleton

BRING- apple, monitor, disks & drive, pencil, lots of paper

See how fun machine language is!!

INDIVIDUAL TUTORING: $35/hr
CONSULTING/PROGRAMMING: $50/hr

Questions? Call me, Dave Eisler 694-6217

After a long hard pull, we have finally updated the club's bylaws. I want to thank the dozens of people who contributed comments, suggestions, and guidance. In particular, we should all thank the following active volunteers of the Nominating Committee and of the Board of Directors for a job well done.

Clarence Anderson
Tom Angelos
Randy Ansley
Bob Bigelow
David Eisler
Ron Heath
Bob Hein
Trent Hein
David Nelson
John Soma
Ron Stock
Kathleen Turner
Rich Waite

On behalf of the club, I'd like to extend extra-special thanks to the following people who spent an extraordinary amount of time and effort to insure quality in every detail. Their attention and care was essential to getting the job done.

Tom Angelos - Chairman
The Nelsons - initial drafts
John Soma - legal advise
Ron Stock - legal advise
Kathleen Turner - word processing

The next and last goal for this year, an indexed club directory, will be in May's Seed.

LIBRARIAN'S REPORT

Starting this month, the librarian's report will NOT contain statistics about the DOM. This information will appear in a different "box" called STAT:DOM

Remember, the M.V.P. (Most Valuable Program) contest is almost here! All contest entries MUST be entered by the April General Meeting. Get your entries in soon!

Starting next month, STAT:DOM will contain catalog (directory?) listings for the CP/M and Pascal DOMs in addition to the DOS 3.3 DOM. Bob Gaiser is the person responsible for the CP/M & Pascal DOMs, and he does an excellent job. Be sure to thank Bob when you see him!

Remember: WE APPRECIATE YOUR CONTRIBUTIONS TO THE LIBRARY. The contributions to the library come in very, very slowly. If you've written a program lately, contribute it to the club. Without your contributions, we cannot provide "Fresh" material for such things as the DOMs.

---> Trent Hein, Librarian <---

TREASURER'S REPORT

February 1, 1984 to February 29, 1984

Beginning Balance (2/1/84)		$2375.76
INCOME		
New Memberships		$ 7ØØ.ØØ
Renewal Memberships		27Ø.ØØ
DOM Sales		515.ØØ
Library Copies		83.ØØ
Sales of Supplies		437Ø.ØØ
Interest Earned		25.33
	TOTAL	$ 5963.33
EXPENSES		
Supplies for Resale		$ 2887.88
CSM Room Rental		Ø.ØØ
Librarian Supplies		6Ø9.6Ø
Printing Costs		415.ØØ
Postage		1Ø7.41
Supplies		298.35
Advertising Flyers		261.58
Equipment (Computer/BBS Clock)		1461.97
	TOTAL	$ 6Ø41.79
LIABILITIES		
CSM February Hall Rental (2 months)		33Ø.ØØ
Sales Tax Accrual (2 months)		243.17
	TOTAL	$ 573.17
ASSETS		
Supplies for Resale a/o 2/29/84		$5884.5Ø
Cash		2297.3Ø
	TOTAL	$8181.8Ø

COMPUTER PRINTERS

BROTHER HR-15

This compact printer is ideal for reports and word processing. The optional keyboard allows you to use it as a correctable typewriter—and it's easy on your budget.

Orange Micro offers the lowest prices, the finest selection, and the interfacing expertise needed to make a printer work with your system.

STAR MICRONICS GEMINI 15X
If you're working with a limited budget, the Gemini 15X is your business printer. Now you can print your ledgers and spread sheets in an easy to read wide carriage format.

The finest brand names available:
• AMDEK • ANADEX • BROTHER • DATAPRODUCTS
• EPSON • GRAPPLER + • IDS • MEMOREX • NEC
• OKIDATA • RANA • STAR MICRONICS • TELEVIDEO

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Apple *//e* Corner

by Randall Ansley

The Apple //e has two keys that are not found on the Apple][or][+, the "OPEN APPLE" and "CLOSED APPLE" keys. These keys are used by the Apple //e as special use keys. For example <CONTROL> <OPEN APPLE> and <RESET> all pushed at the same time will perform a "Hot boot" of the Apple //e thus saving wear and tear on the main power switch. The two apple keys can be used as user defined function keys or as keyboard modifier keys by simply adding a few lines of code to your applesoft programs.

The apple keys Are really connected to the same place as the game buttons on a joystick or on game paddles. The "OPEN APPLE" key is connected to the PDL(0) push button and the "CLOSED APPLE" key is connected to the PDL(1) push button. To use these keys you will need to read the proper location in memory to see if an apple key was pressed. The "OPEN APPLE" key is at location 49249 and the "CLOSED APPLE" key is at location 49250. If if a button is pressed the value of the memory location will be greater than 127. Use the format: IF PEEK (49249) > 127 THEN...

A user defined function key is a key on the keyboard that the programmer can use to do a specific command such as CATALOG a disk or LOAD a program. The "OPEN APPLE" and "CLOSED APPLE" keys can be used as function keys however you will be limited to just two keys. By using these keys in conjunction with other keys on the keyboard (like using the <CONTROL> key) you will have hundreds of possibilities.

The following program makes use of the apple keys. When the computer receives input from the humanware such as a selection from a menu, the program will test to see if one of the apple keys was pressed, if so it will go to a special subroutine.

Line 10 sets the DOS hook needed for your program to do DOS commands on the fly. Line 20 takes a one key input (GET) from the keyboard and stores the value in A$. Line 30 tests to see if the "OPEN APPLE" key was pressed and if so will send the program execution to line 1000. If the "OPEN APPLE" key was not pressed the program will continue running to line 40,50,60 and so on. Line 1000 is the first line of the open apple subroutine. Line 1010 will catalog your disk if the value of A$ was "C". After the disk has been cataloged the program will wait for a keystroke before returning. Line 1020 will load a file if the value of A$ was a "L". Line 1030 will run the program now in memory if the value of A$ was "R". Line 1040 and 1050 will save or delete a program and line 1060 will return to line 40 if none of the keys pressed equaled the value in A$.

Have fun being creative with the "APPLE" keys. If you have any problems with them give me a call or leave E-Mail on the Apple Pi BBS.

```
10  LET D$ =  CHR$ (13) + CHR$ (4)
20  HOME : PRINT "MAKE A CHOICE...";: GET A$
30  IF PEEK (49249) ) 127 THEN GOSUB 1000
40 :
50 :
60 :

1000  REM  OPEN-APPLE SUBROUTINE
1010  IF A$ = "C" THEN PRINT D$"CATALOG": PRINT
    : PRINT : PRINT "PRESS ANY KEY...";: GET
    Z$: RETURN
1020  IF A$ = "L" THEN VTAB 22: ?: INPUT "FILENAME->"
    ;N$: PRINT D$"LOAD"N$
1030  IF A$ = "R" THEN RUN
1040  IF A$ = "S" THEN VTAB 22: ?: INPUT "FILENAME->"
    ;N$: PRINT D$"SAVE"N$: RETURN
1050  IF A$ = "D" THEN VTAB 22: ?: INPUT "FILENAME->"
    ;N$: PRINT D$"DELETE"N$
1060  RETURN
```

JOHNNY APPLESEED

Dear John:

I have been having problems using the "UNIVERSAL DISKETTE LABELER" program Denver Apple Pi sells. I have a C.Itoh Prowriter printer, and I get printing that looks like Japenese every time I try to print a label. What am I doing wrong?

Tired of Japanese

Dear Tired of Japanese:

Yes, that COULD happen. It all depends on how your printer's DIP switches are set. To use the C.Itoh or the NEC 8Ø23 versions of the UNIVERSAL DISKETTE LABELER, the DIP switches MUST be set as follows:

SW 1-1: Off
SW 1-2: On
SW 1-3: Off

John

Dear John:

I have an Apple //e with the Extended 8Ø-column card. I bought the system as a package, and at the time I bought it I was told I HAD to have the Extended 8Ø-column card. Now that I have it, what is it good for?

Over Extended

Dear Over Extended:

Although you probably don't HAVE to have the Extended 8Ø-column card, I think it is a great asset.

The Extended 8Ø-column card is a normal 8Ø-column card but with "extra" memory. An extra 64K to be exact.

Generally, this memory must be used by a professional program, probably written in machine language. There is a great utility YOU can use the Extended 8Ø-column card.

The utility is called "DISKQUIK", written by Harry Bruce and Gene Hite and is published by Beagle Brothers (4315 Sierra Vista, San Diego, CA 921Ø3). DISKQUIK makes your Extended 8Ø-column card think it's a disk drive. Not only does this make disk access incredibly fast, but is saves the cost of buying an additional disk drive. DISKQUIK sells for $29.5Ø.

John

STAT:DOM

For the April DOM, we have an excellent collection of programs that would be an asset to anyone's program collection.

Here are some of the programs on the DOM:

> Baby Names
  [Suggests names for babies]
> Bio Cycle
  [An excellent Biorhythm program]
> Birthday Probablity
> Booze n' You
  [Computes Blood alcohol level]
> Days Between two dates
> Grammar Mad Lib
  [Teaches Nouns, Verbs, etc.]
> Jumbles Mnemonic
> Ladder Angle Safety
> Mind Reader
> Vowel Finder
> Gin Rummy
  [Well-written game program]
> Yahtzee
  [Great Family entertainment!]
> Title Centering Routine
> Brain Teaser
> Forest Fire
> White Lightening

The May DOM will consist of entries into the M.V.P. contest.

SECRETARY'S REPORT

(March Meeting)

The March 1, 1984 General Meeting was called to order by President Dave Eisler at the Greene Center, Colorado School of Mines at 7:00pm. Dave discussed the prospect of a MacIntosh Special Interest Group and of establishing a tie between Apple Pi and the specialized Apple III Users Group.

The April General Meeting program will be presented by Bob Blossom of Orange Micro and Noel DiLapo of Marketing Technology 2000.

Dave asked if anyone was interested in including a "Garage Sale" with the April SWAP Meet, so that members could buy and sell equipment and software from one another.

Tom Angelos is chairing a Nominating Committee for the election of officers at the May Meeting. The slate of positions is still to be determined (either under the current bylaws or the revised bylaws now being considered by the Board). Anyone interested in serving may discuss the duties of any of these positions with any of the current officers or with Tom Angelos (798-5435). Officer nominations, including self nominations, are needed as soon as possible.

Conducting the election by a mail in/carry in ballot procedure is now being examined.

Dave announced a new Store Sponsor: Adam's Computers, Inc. at 3355 S. Wadsworth Blvd., Lakewood, CO.

Computerland of Denver, another Store Sponsor, offered software for sale at the Meeting.

Steve Martin reported that the Bulletin Board had received over 10,700 calls in the 9 1/2 months it has been operating. A time limit has been imposed on non-member users. (About 70 % of the users are non-members)

Librarian Trent Hein reminded members of the Most Valuable Program Contest which will be judged at the April SWAP Meet. (See your March SEED for details) Trent needs two volunteers: one to work on the MVP Contest and another to catalog the CP/M Disks of the Month.

Trent briefly showed us some of the programs on the BASIC Disk of the Month. The Hello program was donated by Dave Eisler and features the same Apple Pi Logo as used on the SEED.

The Door Prize, TAXPAK-83, was donated and demonstrated by Frank Somner of Peopleware (See page 7 of the March SEED for a description) and was won by M.S. "Bud" Curtin.

The main program of the evening was presented by Lanny Mowry, Vice President of Mountain Micro Marketing, Inc., who demonstrated three PFS products: FILE, GRAPH, and WRITE. He also discussed using the predesigned SOLUTIONS application products. The demo was followed by questions from the members, many of whom are already users of PFS.

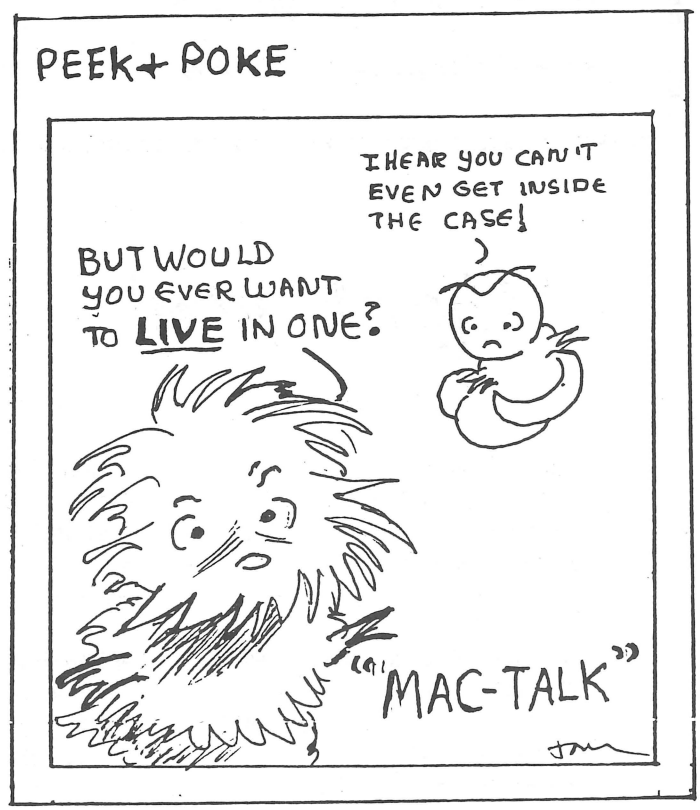
The meeting was adjourned at 9:10 pm.

!!! Special Note !!!

Orange Micro is making a special offer to Apple Pi members.

the Grappler+ and IDS 480 printer
Only $495.00

24 x 9 Print Matrix
==========
SAVE $ 395.00
==========



MOST VALUABLE PROGRAM CONTEST

Apple Pi will be sponsoring a Most valuable program contest. All members are invited to enter their original programs. Programs will be judged at the April Swap meet. All entries must be in by the April General Meeting.

Rules:

One entry per paid membership
Program must be at least 15 lines long
Must be written in Applesoft, Integer BASIC, or 6502 machine
Software must be original, and have never been contributed to the library previously

Judging:

Programs will be judged by members for originality and USEFULNESS. Programs will NOT be judged on programming style or length of program

Prizes:

1st Place: $100 Apple Pi gift certificate
2nd Place: Complete set of DOMs
3rd Place: Locking diskette storage case

All other entries receive a free DOM

Remember: Everyone can enter! This contest is open to ALL members! Start your programs...GO!

(All entries become the property of Apple Pi, Inc., and cannot be returned) Information subject to change.

Thank you!

ADAM'S COMPUTERS INC. 3/85
3355 S. WADSWORTH BLVD.
LAKEWOOD CO 80227
6 303-986-9655

COLORADO COMPUTER SYSTEMS 1/85
3005 W. 74TH AVE.
WESTMINSTER CO 80030
5 303-426-5880

COMPUTERLAND OF DENVER
2422 S. COLORADO BLVD. 12/84
DENVER CO 80222
1 303-759-4685

COMPUTERLAND OF N.DENVER 1/85
8749 WADSWORTH BLVD.
ARVADA CO 80003
4 303-420-1877

NEIGHBORHOOD COMPUTERS
13045 W. ALAMEDA PARKWAY 1/85
LAKEWOOD CO 80228
3 303-988-9140

THE COMPUTER LINE 3/84
1136 SOUTH COLORADO BLVD.
DENVER CO 80222
2 303-758-3261

NEW OFFICERS.....

NEW OFFICERS NEEDED UNDER NEW BYLAWS

At its March 7, 1984 meeting the Board of Directors of Apple Pi, Inc. voted to accept the proposed bylaw revision as recommended by the Bylaw Committee. These Bylaws which will be printed in the SEED at a later date, call for the following officer positions:

BOARD OF DIRECTORS (i.e. Elective Officers)

- Chairman to serve as President (1 year term)
- Member to serve as Vice President (1 year term)
- Member to serve as Secretary (1 year term)
- Member to serve as Treasurer (1 year term)
- Member (3 year term, to be elected for 1 year term in 1984 only)
- Member (3 year term, to be elected for 2 year term in 1984 only)
- Member (3 year term)

OFFICERS TO BE APPOINTED BY THE BOARD

- Software Librarian
- Editor
- Public Relatins Officer
- New Member Contact Officer
- Store Representative
- IAC Representative
- Sales Officer
- Facilities and Property Officer
- Special Interest Group (SIG) and Education Officer
- Publications Librarian
- Bulletin Board Operator

Volunteers are urgently needed to fill these positions. If you are interested in serving in any of these capacities, or even THINK you may be interested, or if you know someone else who may be interested, call Tom Angelos (Chairman of the Nominating Committee) at 789-5435.

FOR SALE:

~~~~~~~~APPLE GRAPHICS TABLET~~~~~~~~

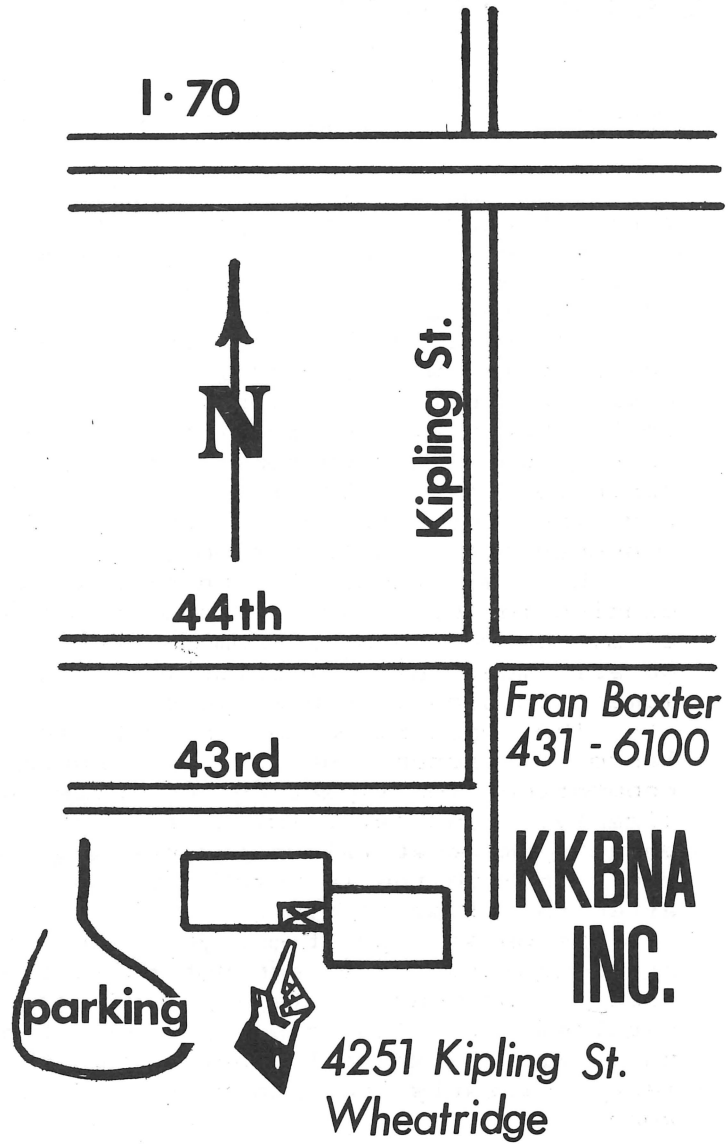
Neer new with all the

software and goodies!

ONLY $ 500.00

CALL: Chuck Renstrom 985-9973

"SWAP" Meet



Don't miss the April Swap Meet!!! If you have hardware or software that you want to sell or trade bring it to the April swap meet. This will be a good old-fashioned (that's where the swap came from) meeting. This is your chance to sell of the goodies that you no longer use. Bring in cards, or other hardware, programs and the documentation, and books. Any computer stuff at all. If you have been looking for a special computer goodie then you just might find it at the swap meet. So come'on...come to the swap meet. All the regular swap meet activities will also be going on. See you at the swap!
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COMPUTER ED.

EDUCATION BULLETIN BOARD BY MAUREEN D. BRUCKER

This month it is the teachers' turn to receive the tips. Even the most neophite computer tinkerer possess friends who are uninitiated. We find that organizations to which we are members of long standing approach us, somewhat in awe occasionally, to teach computer courses. Suddenly, that spark in the brain kindles the fire. All the propaganda of the wonders of the self-employed, sky is the limit money-to be had for the taking, focus on the 'opportunity of a life-time'.

With all these visions of millions dancing in your head, and the realities of overdrawn finances from the software we all 'must' have immediately, take a moment to plan your next move.

The most important thing a free-lance teacher has, is her/his reputation for imparting the material clearly, concisely, with a spark of enthusiasm that allows the student to carry on with the learning process long after the class is over.

As we saw last time, your students are consumers. They are not fulfilling some ominous state education requirement. They can leave any time they wish. Not only that, when they leave dissatisfied, they spread the word!!

This disaster is absolutely avoidable. Two steps will turn this opportunity into success.

The first is to know your material. If you are just beginning, a low fee experimenting group which is in the mode of 'come explore with me' would be a way to take advantage of the opportunity without blowing the chance on lack of knowledge. In this type of 'class', the teacher is more of a facilitator than a data base. The posture is very much one of first among EQUALS. The only way, besides being unprepared, to ruin this one is to lose sight of the 'among equals'.

More knowledgable teachers, need to be ware of the pitfall of 'a little knowledge'. In this case, the information is probably serious subject matter gained through a great deal of effort on the part of the teacher. She/he then sets out to teach, fortified by the vastness of the information. When students ask questions of this teacher, there is a regal, condiscending quality to the voice during the answer. Somehow, the student is quite small and insignificant. This teacher has forgotten the other rule of good teaching -- self-knowledge tempered with compassion.

We ALL stumbled and fell many times before we walked, even though that was a very long time ago. We all even stumbled, crashed disks, wondered why the system would not boot (plug it in), and many other embarrassing falls on the way to knowledge. The good teacher has a vision of being simply a hand up for the student on the learning ladder. You do not have to be a perfect human being to teach, but by leaving the ego and the self-image at the door of the classroom, we can ALL impart information and a zest for exploration that puts us well on the way to free-lance teaching on a continuing basis.

(C) 1984-SPIN-special information network

****

The following classes are being offered in the SOUTH CENTRAL DENVER area on a CONTINUOUS BASIS:

WordStar	dBase II
SuperCalc3	Multiplan
	Lotus 1-2-3

Please contact Jack McKinley at 733-1277 for further information.

****

Listings on this bulletin board are offered for the information of the reader. Such listing does not in anyway imply an endorsement of these courses by Apple Pi itself, or any of its officers or members in particular.

BYLAWS
OF
APPLE PI, INC.

ARTICLE I: OFFICES

Section 1. PRINCIPAL OFFICE. The Board of Directors may establish a principal office or subordinate offices, and from time to time change, modify or discontinue the same.

Section 2. REGISTERED OFFICE AND AGENT. The Corporation shall have and continuously maintain in the State of Colorado a registered office and a registered agent as required by law. Both the registered office and the registered agent may be changed from time to time by the Board of Directors.

ARTICLE II: MEMBERS

Section 1. CLASSES OF MEMBERS AND VOTING RIGHTS. Membership in the Corporation shall be open to all persons who are interested in small computers. The Corporation shall have three categories of members:

(1) REGULAR MEMBER. Membership shall be open to all individuals and/or families, which may join as one entity. (For these purposes a family shall be defined as those residing in the same domicile.) Membership shall be dependent upon adherance to these Bylaws and the prompt payment of dues. Each regular membership, whether individual or family, will be entitled to only one vote on each matter submitted to a vote of the members.

(2) SPONSORING MEMBER. Any business or company selling computer products may, upon payment of an annual fee as set from time to time by the Board of Directors, become a Sponsoring Member. Sponsoring Members will be entitled to full participation in all activities and receive all information given to regular members. In addition, Sponsoring Members will receive special privileges such as extra copies of the newsletter and free ads in same, permission to sell at meetings, etc. Special privileges will be set by the Board of Directors annually. Sponsoring members will have no vote.

(3) SPECIAL MEMBER. Memberships may be granted to other organizations for the purpose of promoting newsletter and software exchanges as approved by the Board of Directors. These members will not pay dues and will have no voting rights.

Section 2. FEES, DUES, AND ASSESSMENTS. Each member must pay the initiation fee and annual dues in amounts to be fixed from time to time by the Board of Directors. The dues and fees shall be equal for all members of each class, but the Board of Directors may set different fees and dues for each class.

Section 3. TERMINATION OF MEMBERSHIP. The membership of any regular member shall terminate upon occurrence of any of the following events.

(1) The resignation of a member.

(2) The failure of a member to renew his/her membership for the following year by paying annual dues within 30 days or such other time as set forth by the Board of Directors. Renewals beyond this time period will require repayment of the initiation fee.

(3) The determination by the Board of Directors or a Committee designated to make such determination that the member has failed in a material and serious degree to observe the rules of conduct of the Corporation, or has engaged in conduct materially and seriously prejudicial to the interests of the Corporation.

ARTICLE III: MEETINGS

Section 1. ANNUAL MEETING. An annual meeting of the voting members shall be held on the first Thursday in May of each year at such time and place as may be determined by the Board of Directors.

Section 2. OTHER MEETINGS.

(1) Regular general membership meetings shall be held on the first Thursday in each month at such time and place as may be determined by the Board of Directors. Regular general membership meetings shall consist primarily of programs and presentations of general interest to the general membership, but may include such business matters of the Corporation as may be referred to the membership by an officer or the Board of Directors or brought before the general membership by a member.

(2) Swap meetings shall usually be held on the Sunday following the regular general membership meetings at such time and place as may be determined by the Board of Directors. Swap meetings shall be held primarily for the purpose of allowing membership access to the Corporation's software library and to allow informal information exchanges between members.

(3) Special Interest Groups (SIG's) may be formed of members of the Corporation with a common interest. Group meetings may be held on a date and at such time and place as may be determined by the members of the special interest group.

Section 3. SPECIAL MEETINGS. Special meetings of the voting members may be called by the President, the Board of Directors, or not less than one-tenth of the voting members. The date, time, and place of the special meeting shall be set forth in the call of the meeting; or, if not so specified, the date, time, and place shall be determined by the Board of Directors. The meeting place must not be outside the greater Denver metropolitan area.

Section 4. NOTICE OF MEETINGS. Written or printed notice stating the place, day and hour of any meeting of members shall be delivered by mail to each member entitled to vote at such meeting, not less than ten nor more than fifty days before the date of such meeting at the direction of the President, or the Secretary, or the officers or persons calling the meeting. In case of a special meeting or when required by statute or by these Bylaws, the purpose or purposes for which the meeting is called shall be stated in the notice. The notice of the meeting shall be deemed to be delivered when deposited in the United States mail addressed to the member at his address as it appears on the records of the Corporation, with postage thereon prepaid. The newsletter of the Corporation may be used to convey notices of meetings.

Section 5. QUORUM. At any meeting of the members, one-tenth of the members entitled to vote (either present in person or represented by proxies) shall constitute a quorum of the members for all purposes. In the absence of a quorum, the Chairman of the meeting may, and must on the demand of any member entitled to vote, adjourn the meeting from time to time, without notice other than by announcement at the meeting, until members requisite to constitute a quorum shall attend. After any such adjourned meeting, if a quorum shall be present after two(2) hours of adjournment; the meeting may be called back to order and any business may be transacted which might have been transacted at the meeting as originally notified.

Section 6. VOTING. At any meeting of the members, only such persons shall be entitled to vote in person or by written proxy as appear as voting members upon the membership records of the Corporation thirty days preceding the date of the meeting, unless the voting members, in person or by proxy, by a majority vote, by resolution, grant the privilege of voting to members appearing as voting members upon a later transfer date preceding such meeting.

Section 7. PROXIES. At any meeting of members, a member entitled to vote may vote by proxy executed in writing by the member or by his duly authorized representative. No proxy shall be valid after eleven months from the date of its execution, unless otherwise provided in the proxy.

Section 8. MANNER OF ACTING. A matter to be voted upon by the members present or represented by proxy at a meeting at which a quorum is present shall be adopted by a simple majority of the votes cast unless a greater proportion is required by law, the Articles of Incorporation, or by these Bylaws.

Section 9. VOTING BY MAIL. Any motion may be put to a mail vote by the Board of Directors. A majority of those votes will be sufficient to adopt any motion, provided a quorum of votes is received. Ballots shall be numbered or labeled.

ARTICLE IV: BOARD OF DIRECTORS

Section 1. NUMBER AND QUALIFICATION . The business and affairs of the Corporation shall be managed by a Board of seven(7) Directors, who need to be voting members in good standing of the corporation. The number of Directors may be increased or decreased to not less than three(3), from time to time by ammendment of this section; but no decrease shall have the effect of shortening the term of any incumbent Director.

Section 2. ELECTIONS AND TERM OF OFFICE. Elections will be held at the annual meeting of members. All Director and Director-Officers shall serve for 1 year except the Directors-at- Large, who will serve 3 year terms. (In 1984, the first election of 3 year Director terms, 1 will be elected to a 3 year term, 1 will be elected to a 2 year term, and 1 will be elected to a 1 year term. This produces overlapping terms of office so that one Director will be elected each year thereafter.) The nominating committee will prepare and mail ballots to the voting members with biographical information about the candidates. Ballots must be mailed at least 2 weeks prior to elections if sent first class, and at least 3 weeks prior to elections if sent bulk rate.

The last pick-up of mailed in ballots will be not more than 24 hours before elections. Ballots carried to the meeting must be delivered to the nominating committee before the meeting begins. The nominating committee will count the ballots and announce the results during the election meeting.

As part of their search for candidates, the nominating committee will ask for nominations and volunteers anytime before ballots are printed.

If the elections shall not be held at such annual May meeting,such election shall be held as soon as may be practical, with the terms of current Directors being extended until such election.

Any Director may be removed by a majority of a quorum of voting members, with or without cause, but such removal shall be without prejudice to the contract rights, if any, of the Director removed.

Section 3. MEMBERS. The President, Vice-President, Secretary, Treasurer, and three Directors-at-Large shall serve on the Board of Directors during their term of office. Should a Director, who also holds an office cease to serve by reason of death,removal,resignation, incompetency, or any other cause, he shall likewise cease to serve as an officer. Members of the Board of Directors shall serve until their death, removal, resignation, incompetency or the election of a replacement to his/her office. Any director may resign by filing a written resignation with the Secretary, such resignation to take effect on the date specified therein. A Director-at-Large may also serve as an appointed officer.

Section 4. REMOVAL OF DIRECTORS. Any director may be removed at any time, with or without cause, by the vote of the majority of a quorum of the voting members present at a regular meeting or at a special meeting called for that purpose, provided that written notice shall first have been given to that director stating the intent to remove following the same procedures as in notice of meetings. (Article III Section4)
Any director may be automatically removed from office after two unexcused consecutive absences from regular Board meetings by operation of Article IV, Section 6.

Any Director appointed by the Board of Directors may be removed by the affirmative vote of the majority of the Board of Directors, with or without cause, whenever in its judgment the best interests of the corporation would be served thereby, but such removal shall be without prejudice to the contract rights, if any, of the Director so removed.

Any Director elected by the voting members may be removed by the affirmative vote of the majority of a quorum of the voting members with or without cause, whenever in their judgment the best interests of the

Corporation would be served thereby, but such removal shall be without prejudice to the contract rights, if any, of the Director so removed.

Section 5. VACANCIES. Any vacancy occuring in the Board of Directors may be filled by the affirmative vote of a majority of the remaining Directors though less than a quorum of the Board of Directors remains. A Director elected to fill a vacancy shall be elected for the unexpired term of his predecessor in office.

Section 6. ANNUAL AND REGULAR MEETINGS. the Board of Directors shall meet each year immediately after the annual meeting of the voting members for the purpose of organizing, appointing officers,and consideration of any other business that may properly be brought before the meeting. No notice of any kind to members of the Board of Directors for this annual meeting shall be necessary. Attendance at Board meetings will be required unless excused in advance by the President. Excuses will be granted for illness, transportation problems, work committments, vacations or any other reason at the discretion of the President, notice of which to be given in advance. In the event that the President cannot be reached, the Secretary may be notified instead.

Section 7. OTHER MEETINGS. Other meetings of the Board of Directors may be held upon three (3) days oral or written notice, upon the call of any two Directors. The person or persons authorized to call special meetings of the Board may fix any place within the greater Denver metro area as the place for holding any special meeting of the Board. By unanimous consent of the Directors, special meetings of the Board may be held without call or notice at any time or place.

Section 8. NOTICE OF MEETINGS. Notice of any special meeting of the Board of Directors may be waived in writing signed by the person or persons entitled to the notice, whether before or after the time of the meeting. Neither the business to be transacted at, nor the purpose of, any meeting of the Board of Directors need be specified in the notice or waiver of notice of the meeting. If written notice is provided by mail or telegram, such notice shall be deemed to be delivered when deposited in the United States mail, addressed to the Director at the Director's address as it appears on the Corporate membership roll, with postage on it prepaid or when delivered to the telegraph company.

Section 9. PROXIES. At any meeting of the Board of Directors, a director entitled to vote may vote by proxy executed in writing by the Director. No proxy shall be valid for more than one specified Board of Directors meeting.

Section 10. QUORUM. A majority of the number of Directors fixed by the Bylaws shall constitue a quorum for the transaction of business. The act of the majority of the Directors present at a meeting at which a quorum is present shall be the act of the Baord of Directors unless the act of a greater number is required by statute, the Articles of Incorporation, or the Bylaws.

Section 11. COMPENSATION. Directors shall not receive compensation of any kind for services except for reimbursement for expenses incurred in the performance of their offices as approved by the Board of Directors.

Section 12. INFORMAL ACTION BY DIRECTORS. Any action required by law to be taken at a meeting of Directors, or any action which may be taken at a meeting of Directors, may be taken without a meeting if a consent in writing, setting forth the action so taken, shall be signed by all of the Directors.

Section 13. MINUTES OF THE BOARD MEETINGS. The Director serving in the office of Secretary will take minutes at all regularly scheduled and special Board meetings. If the Secretary is unable to attend a

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meeting, another member will be designated by the President to take minutes. The minutes of all Board meetinngs will be open to perusal by any regular member of the Corporation upon request.

ARTICLE V: OFFICERS

Section 1. OFFICERS. All officers must be voting members of Apple Pi in good standing. There will be two types of officers in the Corporation: elected and appointed. Any two or more offices may be held by the same person, except the offices of President, Vice-President, Treasurer, and Secretary, but no one person will have more than one vote in his role as a member of the Board of Directors.

Section 2. ELECTION AND TERM OF OFFICE. The elective officers of the Corporation shall be elected annually by the voting members at the regular annual meeting of the members. These officers will be elected from a panel of candidates (including self-nominees and others nominated from the membership) identified by a Nominating Committee appointed annually by the Board of Directors. This panel of candidates will be presented in the newsletter two months prior to the annual meeting, such nomination materials will be mailed by first class mail two weeks prior to the annual meeting. The date of the annual meeting will be the last date for receiving ballots either at the Corporation's mailing address (in which case there shall be a noon deadline) or at the site of the meeting itself (in which case the start of the meeting will constitute the final deadline). All ballots will be counted during the course of the meeting by members of the Nominating Committee. If the election of officers shall not be held at such meeting, such election shall be held as soon as may be practicable, with the terms of current officers being extended until such election. Each officer shall hold office until his successor shall have been duly elected and shall have qualified.

Section 3. COMPENSATION. Officers shall be entitled to a waiver of their membership dues during their term of office, a complimentary Disk of the Month for each month that they serve,admission to any corporate function without charge and reimbursement for expenses incurred in the performance of their offfices as approved by the Board of Directors. Otherwise, officers shall not receive compensation.

Section 4. REMOVAL. Any officer appointed by the Board of Directors may be removed by a majority of a quorum of the Board of Directors, with or without cause, whenever in its judgment the best interests of the Corporation would be served , but such removal shall be without prejudice to the contract rights, if any, of the officer so removed. Removal of elected officers, who are also elected Directors will follow Article IV, Section 4.

Section 5. SPECIFIC DUTIES AND REQUIREMENTS OF OFFICERS

Each officer will have specifically assigned duties as designated by the Board of Directors for his/her office in addition to which each officer will perform such other duties as may be assigned to him/her by the President or by the Board of Directors. All officers will carry out policies and programs approved by the Board of Directors and requirements of the law and the Articles of Incorporation.

Specific requirements and duties of the elected Officers are as follows:

(1) PRESIDENT

(a) Shall qualify by having served for at least six months as an officer in the Corporation (either elected or appointed) prior to election as President.

(b) Shall be the principal executive officer and the Chairman of the Board for the Corporation and shall in general oversee and control all of the business affairs of the Corporation, and provide direction and leadership.

(c) Shall preside at all meetings of the members, officers and of the Board of Directors.

(d) May sign with any other elective officer of the Corporation, as authorized by the Board of Directors, any

deeds, mortgages, bonds, contracts, or other instruments which the Board of Directors has authorized to be executed, except in cases where signing and execution thereof shall be expressly delegated to the Board of Directors by statute or to some other officer or agent of the Corporation.

(e) Shall write monthly reports for publication in the SEED generally detailing activities of the Corporation an decisions of the Board.

(f) Initiates general policies and assigns committees and people to definable tasks.

(2) VICE PRESIDENT

(a) Will be considered as the President Elect of the Corporation for the next election.

(b) In the absence of the President or in the event of his/ her inability or refusal to act, the Vice President shall perform the duties of the President, and when s acting, shall have all the powers of and be subject to all the restrictions upon the President.

(c) Will arrange for the educational or entertainment program portion of the general meeting which will be of interest to the general membership.

(d) Will prepare written notification to be published in the SEED on scheduled programs several months prior to the scheduled meeting date.

(3) SECRETARY

(a) Shall keep the minutes of the meeting of the members and of the Board of Directors in one or more books provided for that purpose. (The minutes shall contain attendance records for all officers).

(b) Will prepare the minutes of the monthly general meeting for publication in the next SEED.

(c) Will see that all notices are duly given in accordance with the provisions of these Bylaws or as required by law.

(d) Will be custodian of the Corporate records and of the seal of the Corporation and see that the seal of the Corporation is affixed to all documents requiring same.

(e) Will keep a register of the post office address of each member which shall be furnished to the Secretary by such member. When necessary, will provide individual addresses and phone numbers and/or printed lists of members to other officers, as needed.

(f) Will be responsible for sending out expiration notices, and membership cards (and/or kits) to new and renewing members.

(g) Will provide mailing labels to the Public Relations Officer each month for use in distributing the SEED.

(h) Will be responsible for collecting the Corporation's mail from the post office box and distributing it to the appropriate officer.

(i) Will attend to general correspondence, letters of inquiry, etc. as may be handled on a routine basis, sending copies of appropriate correspondence to other officers.

(j) Will maintain a current copy of the Bylaws, including all amendments and changes thereto and will make them available to any member upon request.

(k) Provide mailing labels/lists, as appropriate, to the Software Librarian and the New Member Contact Officer on new members added each month.

(l) Shall maintain a chronological file of all Corporation outgoing correspondence generated by any officer. It shall be the responsiblity of the generating officer to forward a copy of all outgoing correspondence to the Secretary.

(4) TREASURER

(a) Shall be bonded for the faithful discharge of his/her duties in such sum and with such surety or sureties as the Board of Directors shall determine.

(b) Shall have charge and custody of and be responsible for all funds and securities of the Corporation.

(c) Will receive and give receipts for monies due and payable to the Corporation from any source.

(d) Will deposit monies in the name of the Corporation in such banks, trust companies, and other depositories as shall be selected in accordance with the provisions of the Bylaws in a timely manner.

(e) Will pay invoices and expense receipts which are submitted for payment in a timely manner. Treasurer shall

insure that there are sufficient funds to make any and all disbursements. Treasurer shall also insure that all disbursements are supported by invoices or receipts which are acceptable to Internal Revenue Service (IRS)bookkeeping requirements.

(f) Will insure that expenditures are in accordance with the policies of the Board of Directors.

(g) Prepare monthly reports on income, expenses, Corporate assets and liabilities for monthly publication in the SEED.

(h) Shall provide detailed expenditure reports at each Board of Director's meeting showing the previous month's income and expenses broken down by major categories.

(i) Will prepare, working with other officers, an operating budget for the following calendar year and present it for review at the November Board meeting and for approval at the December Board meeting.

(j) Maintain, provide, and make available in a timely fashion such records as are required for the accurate filing of all financial reports, tax returns, audits, and such other documentation as may be required of the Corporation.

(k) Will be responsible for the timely preparation of all financial reports and tax returns as required by law.

Specific requirements and duties of the Appointed Officers are as follows:

(5) SOFTWARE LIBRARIAN

(a) Shall receive and hold computer programs (software donated to, or purchased by the Corporation) and shall make such programs available to the membership when not prohibited by copywrite or other limitation.

(b) Will be responsible for preparation and production of sufficient quantities of one or more Disks-of-the-Month (DOM) to be sold each month at the general meeting, SWAP meet, and by mail to members.

(c) Will maintain the Corporation's software library as a minimum with one master library set and two working sets for making copies. At no time shall all three sets be- co-located at the same location.

(d) Will demonstrate the current DOM at the general meeting each month for the membership.

(e) Shall maintain a current, up-to-date copy for the library contents and provide same to the membership via updates or new library listings in the case of new members.

(f) Will oversee the preparation and production of the Newcomers Disk (which will contain a current copy of the Articles of Incorporation and Bylaws in a textfile on its reverse side), and any special disks as are deemed necessary by the Board of Directors.

(g) Will arrange for a minimum of two computers, two software library sets, and knowledgeable personnel to be available to the membership at all SWAP meets.

(h) Will prepare a report each month for publication in the SEED.

(i) Will exclude copyrighted or other proprietary software from the software library (unless permission to retain it has been granted by the author or publisher or same).

(j) Will promote and encourage DOM exchanges with other user groups in behalf of the Corporation, providing recipricating clubs with copies of published DOMs.

(k) Shall be responsible for sending out the library and Newcomers disks along with a letter of introduction to the software library to all new members.

(6) EDITOR

(a) Will be responsible for soliciting, gathering, editing, formatting, and providing a "camera ready" copy of the SEED to the printer. Editor will arrange for the printing of the Apple Pi newsletter, the SEED, each month.

(b) Working with the Publications Librarian, the editor will provide timely reprints from the sources identified by this librarian to further the educational content of the Corporation's newsletter.

(c) Will be responsible for scheduling all work so that the SEED can be bulk mailed in time for the membership to receive it before the regular monthly general meeting. (Note: Bulk mailing requires a minimum of 10 days for postal service delivery after receipt.)

(d) Will be responsible for maintaining the high quality and standards of the SEED while adhering to the editorial policy established by the Board of Directors.

(7) NEWSLETTER DISTRIBUTION OFFICER

(a) Will be responsible for taking delivery of the SEED from the printer, attaching the mailing labels and bulk mailing the SEED ten (10) or more days prior to regular monthly general meetings.

(b) Is responsible for coordinating with the Editor and other officers (e.g. President, Secretary and Treasurer) in order to meet deadlines for SEED articles.

(c) Will be responsible for contacting store sponsors and other prospective advertisers and selling advertising to support the newsletter.

(8) NEW MEMBER CONTACT OFFICER

(a) Will hold short monthly meetings in the period just preceding the regular general meeting to acquaint new members with the Corporation, public domain programs available, problem solving, etc.

(b) Will be provided with a list of new members each month (by the Secretary) and will attempt to make personal contact either in person or via telephone with each new member.

(9) STORE REPRESENTATIVE

(a) Will solicit "Sponsoring Member" memberships from shops and businesses related to micro/personal computer products or education on same and will serve as a liaison between them and the Corporation.

(b) Will see that as many computer stores as possible (not only store sponsors) are stocked with Apple Pi application forms.

(c) Will solicit door prize contributions, as necessary, from sponsoring members.

(d) Will be responsible for coordinating of any sponsoring member sales that take place at the general meetings.

(10) IAC REPRESENTATIVE

(a) Will serve as a liaison between the Corporation and International Apple Core and help to disseminate information received from IAC to the membership. The monthly DOM which is received from IAC will be passed directly to the Software Librarian for inclusion in the software library by the Secretary.

(b) Will prepare reports on a quarterly basis (at a minimum) for publication in the SEED.

(11) SALES OFFICER

(a) Will order and obtain items for resale per the policy of the Board of Directors.

(b) Set up sales facilities at general meetings and SWAP meets and oversee the selling of DOMs and basic supplies.

(c) Maintain inventories of resale items.

(d) Work closely with the Treasurer to coordinate expenditures and maintain such records as are required for tax purposes.

(12) FACILITIES AND PROPERTY OFFICER

(a) Will arrange for SWAP meets and other meeting facilities.

(b) Will prepare notification of such meetings to be printed in the SEED for one or more months prior to said meetings.

(c) Will be responsible for inventory and maintenance of other Corporation properties, such as computers, disk drives, modems, printers, etc. distributed among the officers for Corporation functions.

(d) Will be responsible for the prudent management of said properties.

(13) SPECIAL INTEREST GROUPS (SIGs) & EDUCATION OFFICER

(a) Will be responsible for the formation of and coordination of special interest groups (SIGs) and member taught classes and workshops to be sponsored by the Corporation.

(b) Will assist in locating places to hold classes or SIG meetings, arrange for equipment, etc.

(c) Will prepare monthly reports on upcoming classes and SIG meetings for the SEED.

(d) Will be responsible for the fulfillment of such legal requirements as are applicable to this function.

(14) PUBLICATIONS LIBRARIAN

(a) Shall receive and hold conventionally printed materials containing information, including Newsletter Exchanges, of interest to the Corporation and shall make said materials available to the membership.

(b) Will bring current newsletters to SWAP meets and will oversee or be responsible for searching them, selecting and providing articles of particular interest (with proper citations giving source and date of original publication), to be turned over to the Editor or Public Relations officer for possible inclusion in the SEED.

(c) Will supervise the Newsletter Exchange program: Checking in newsletters as received, soliciting new exchanges and submitting a list of recommended additions and deletions to the Secretary on no less than a bimonthly basis.

(15) BULLETIN BOARD OPERATOR

(a) The Bulletin Board (BBS) Operator will enforce the Corporation's policies concerned with the operation of the Bulletin Board.

(b) Will control access, program and message content in accordance with policies and guidelines set forth by the Board of Directors.

Section 6. OFFICER ASSISTANTS. Each officer will be encouraged to solicit and appoint assistants to help him/her to perform the duties prescribed to his/her office. Each officer will remain responsible for the completion of all duties assigned to his/her office. An assistant will have no voting privilege at Board meetings. An assistant may be removed at any time by the officer who appointed him/her.

Section 7. TRANSFER OF AUTHORITY. In case of the absence of any officer of the Corporation or for any other reason that the Board of Directors may deem sufficient, the Board of Directors may transfer the powers or duties of that officer or any Director, provided a majority of the full Board of Directors concurs.

ARTICLE VIII: COMMITTEES

Section 1. COMMITTEES. Committees, having and exercising such authority of the Board of Directors in the management of the Corporation as may be permitted by law and as provided by resolution of the Board of Directors, may be appointed in such a manner as may be designated by a resolution adopted by a majority of the directors present at a meeting at which a quorum is present. Except as otherwise provided in such resolution, members of each such committee shall be members of the Corporation.

Section.2 TERM OF OFFICE. Each member of any committee shall continue as such until the next annual meeting of the members of the Corporation and until his successor is appointed, unless the committee shall be sooner terminated, or unless such member be removed from such committee, or unless such member shall cease to qualify as a member thereof. Any member of any committee may be removed by the person or persons authorized to appoint such member whenever in their judgment the best interests of the Corporation shall be served by such removal.

Section 3. CHAIRMAN. One member of each committee shall be appointed Chairman by the person or persons authorized to appoint the members thereof.

Section 4. VACANCIES. Vacancies in the membership of any committee may be filled by appointments made in the same manner as provided in the case of the original appointments.

Section 5. QUORUM. Unless otherwise provided in the resolution designating a committee, a majority of the whole committee shall constitute a quorum and the act of a majority of the members present at a meeting at which a quorum is present shall be an act of the committee.

Section 6. RULES. Each committee may adopt rules for its own government not inconsistent with these Bylaws or with rules adopted by the Board of Directors.

Section 7. STANDING COMMITTEES. Two standing committees shall be appointed annually by the Board of Directors.

(1) THE NOMINATING COMMITTEE will be responsible for nominating at least 1 candidate for each elected position, per election procedures.
(2) THE FINANCE AND AUDIT COMMITTEE will monitor expenditure, revenue, asset and liability accounting procedures and tax responsibilities of the Corporation.

These committees will provide assistance to officers and such written reports to the Board of Directors as the President and the Board shall specify.

ARTICLE XIII: CONTRACTS

Section 1. CONTRACTS. The Board of Directors may authorize any officer or officers, agent or agents of the Corporation, in addition to the officers so authorized by these Bylaws, to enter into any contract or execute and deliver any instrument in the name of and on behalf of the Corporation, and such authority may be general or confined to specific instances.

Section 2. PROXIES. Unless otherwise provided by resolution adopted by the Board of Directors, the President or any Vice President may from time to time appoint one or more agents or attorneys-in-fact of the Corporation, in the name and on behalf of the Corporation, to cast the votes which the Corporation may be entitled to cast as the holder of stock or other securities in any other corporation, association or other entity any of whose stock or other securities may be held by the Corporation, at meetings of the holders of the stock or other securities of such other corporation, association or other entity, or to consent in writing, in the name of the Corporation as such holder, to any action by such other corporation, association or other entity, and may instruct the person or persons so appointed as to the manner of casting such votes or giving such consent, and may execute or cause to be executed in the name and on behalf of the Corporation and under its corporate seal, or otherwise, all such written proxies or other instruments as he may deem necessary or property in the premises.

ARTICLE XX: BYLAWS AND AMENDMENTS

These Bylaws may be altered,ammended or repealed by a majority vote of the full Board of Directors.

CERTIFICATION

I, the undersigned, certify that I am presently elected and acting Secretary of Apple Pi, Inc., a Colorado nonprofit Corporation, and the above Bylaws, consisting of 10 pages, are the Bylaws of this Corporation as adopted by a vote of the Board of Directors held on March 7, 1984.

Dated: March 8 1984 Signed: Dawn A Nelson

MEMBERSHIP FORM

[1] Name: _____

[2] Address: _____

[3] City: _____ State: _____

[4] Zip Code _____ Telephone (_____) _____

[5] What hardware do you have? (Disks, Modems, Printers, etc.)

_____

_____

_____

[6] What are your current interests?

_____

_____

_____

_____

[7] Signature: _____

Your signature certifies that the above information is true and complete to the best of the applicant's knowledge, and that the applicant agrees to follow all rules, policies and regulations of Apple PI, including agreement to obey all copyright, patent, trade secret, and trade mark laws.

Bring this application, along with your dues, to any meeting or mail to:

APPLE PI COMPUTER USERS GROUP
P.O.Box 17467
Denver, CO 80217

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